

**1076 NADI SANGAM SCHOOL**

**YEAR 8**

**CONSOLIDATED**

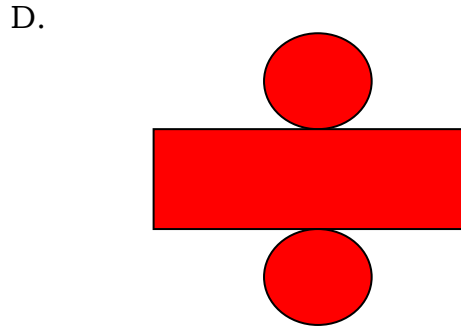
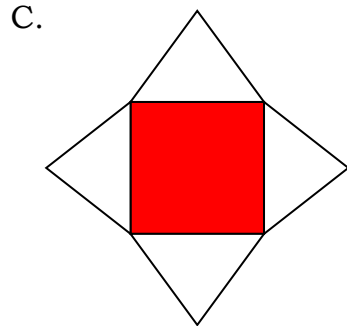
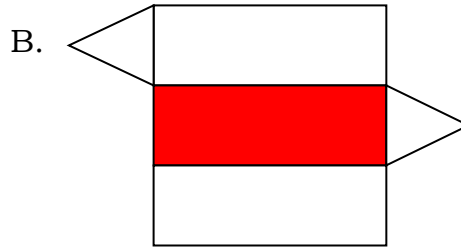
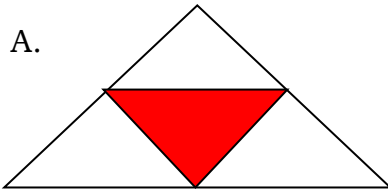
**WEEKLY HOMESTUDY PACKAGE: 7**

**2021**

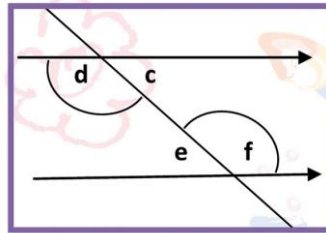
**1076 NADI SANGAM SCHOOL**  
**YEAR 8 MATHEMATICS**  
**WEEKLY HOMESTUDY PACKAGE: 7 – 2021**

**Section A** **Multiple Choice**

1. Which of the following represents the net of a square pyramid?



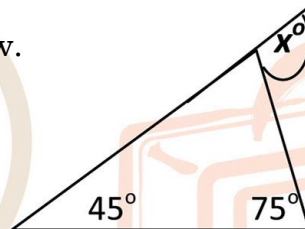
2. Study the angles labelled below and answer the question that follows.



Angles **d** and **e** are called \_\_\_\_\_ angles.

- |                        |                         |
|------------------------|-------------------------|
| A. vertically opposite | B. corresponding angles |
| C. alternative angles  | D. supplementary angles |

3. Study the diagram below.



The size of angle marked  $x^\circ$  is

- |                |               |
|----------------|---------------|
| A. $120^\circ$ | B. $60^\circ$ |
| C. $105^\circ$ | D. $75^\circ$ |

4. A shape with nine sides is called \_\_\_\_\_.

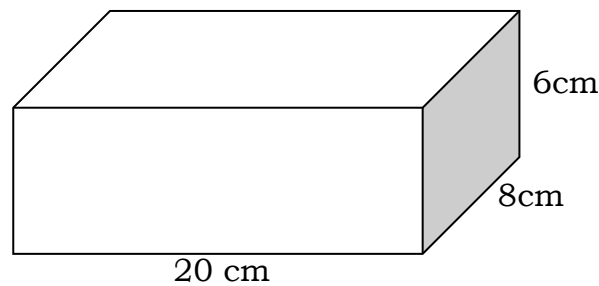
- |            |              |
|------------|--------------|
| A. hexagon | B. octagon   |
| C. nonagon | D. dodecagon |

5. A truck left Suva at 3.30 pm and reached Lautoka at 7.00 pm. It travelled at a speed of 70 km/hr. Find the distance covered in the travel.
- A. 210 km                      B. 245 km  
C. 280 km                      D. 175 km

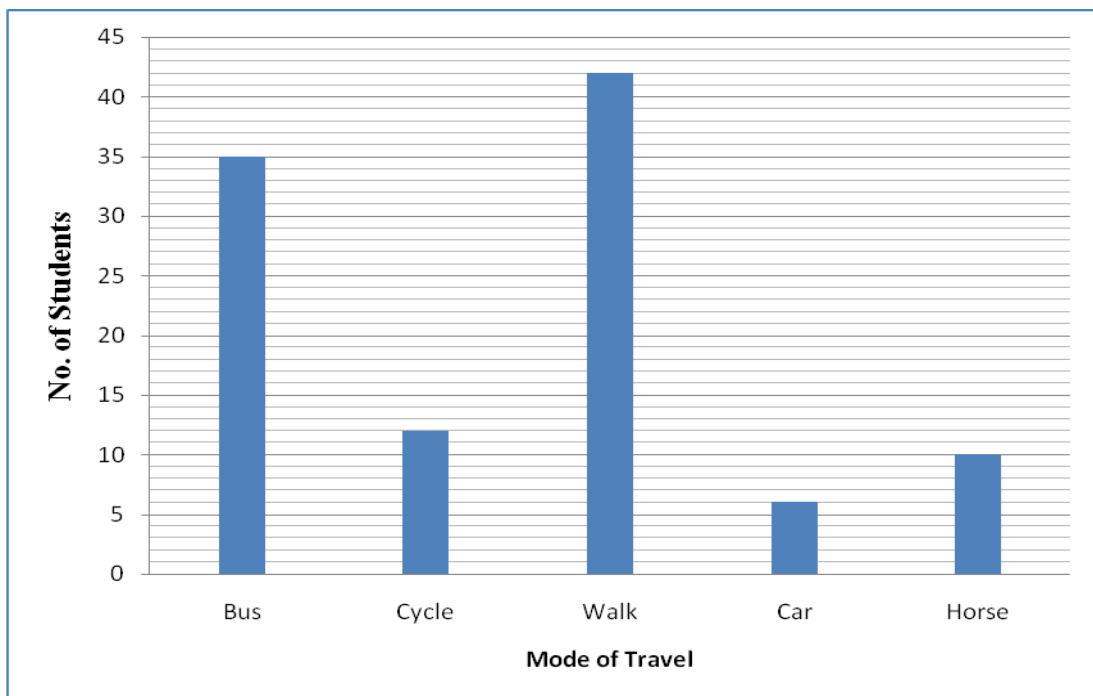
**Section B** **Problem Solving**

Show all the necessary working.

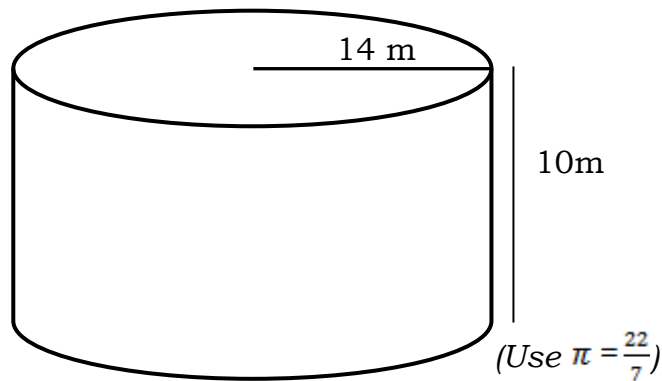
1.  
Manasa said to his friend, “I have an unknown number and if I add 8 to the number and then multiply the answer by 5, I will get 18.”
- a.) Write an equation for this problem.  
b.) Solve the equation to find the unknown number.
2. Calculate the **total surface area** of the cuboid shown below.



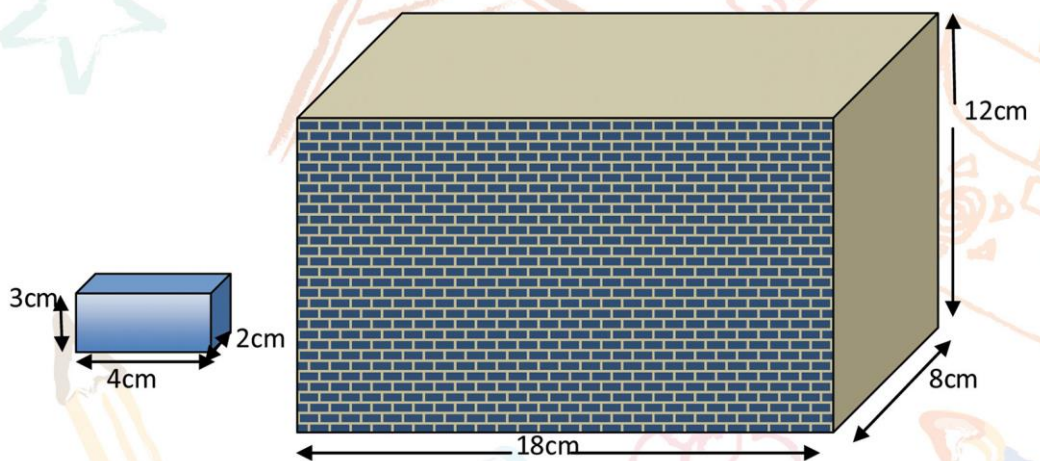
3. The graph shown below shows the mode of travel for students at Nadi Sangam School.



- a.) Which mode of travel has the highest frequency
  - b.) What is the range of the mode of travel for students at this school?
  - c.) How many students are there in Nadi Sangam School?
  - d.) How many students use cycle as their mode of travel?
4. A cylindrical water tank is shown below.



- a.) What is the diameter of the above water tank?
  - b.) Find the area of the top surface of the water tank?
  - c.) What is the volume of this tank?
5. A dealer bought a car for \$30 000.00. After a month, he sold it for \$26 000.00.
- a.) Did the car dealer make profit or loss?
  - b.) Find the profit or loss percent for the car dealer.
6. The dimension of two boxes are shown below. How many small boxes will fit into the big box?



33. Sishaant bought the following Personal Computer from Courts. He decided to buy the computer on the hire purchase on following as follows;



**Cash Price = \$2050.00**  
**Deposit = \$250.00**  
**Monthly payment of \$75 for**  
**2 years**

- a.) Calculate the monthly instalment for 2 years.
- b.) How much will Sishaant have to pay altogether for the Personal Computer?
- c.) How much could he save if he had bought in cash?

**1076 NADI SANGAM SCHOOL**  
**YR 8– 2021**  
**WEEKLY HOMESTUDY PACKAGE 7**  
**ENGLISH GRAMMAR**

**A. CONJUNCTION EXERCISE**

Complete each sentence using the **subordinating conjunction** given in each bracket

1. I visit the Grand Canyon \_\_\_\_\_ I go to Arizona. (once, whenever, wherever)
2. This is the place \_\_\_\_\_ we stayed last time we visited. (where, when, how)
3. \_\_\_\_\_ you win first place; you will receive a prize. (wherever, if, unless)
4. You won't pass the test \_\_\_\_\_ you study. (when, if, unless)
5. I could not get a seat, \_\_\_\_\_ I came early. (as, though, when)
6. We are leaving Wednesday \_\_\_\_\_ or not it rains. (if, whether, though)
7. Pay attention to your work \_\_\_\_\_ you will not make mistakes. (so that, unless, or)
8. The musicians delivered a rousing performance \_\_\_\_\_ they had rehearsed often. (though, as, once)
9. She's honest \_\_\_\_\_ everyone trusts her.
10. Write this down \_\_\_\_\_ you forget. (or, when, lest)

**B. Conjunctive Adverb Exercises**

1. Bianca wore her rain boots; \_\_\_\_\_, her feet stayed dry during the storm. (however, therefore, on the other hand)
2. I love the color red; \_\_\_\_\_, this shade seems a little too bright. (therefore, nonetheless, in fact)
3. You have to be on time; \_\_\_\_\_, you'll miss the train. (nonetheless, however, otherwise)
4. Teresa likes to read; \_\_\_\_\_, her sister Julia prefers to watch TV. (however, in contrast, again)
5. She really wanted to eat ice cream; \_\_\_\_\_, she had a salad. (however, likewise, instead)
6. We were working hard; \_\_\_\_\_, Jill and Jerry were lounging by the pool. (meanwhile, instead, therefore)

7. He is a weak leader; \_\_\_\_\_, he has plenty of supporters. (otherwise, moreover, nevertheless)

8. She has an incredible voice; \_\_\_\_\_, she will go far in her music career. (otherwise, undoubtedly, similarly)

9. Natalie wanted to make pie but didn't have apples; \_\_\_\_\_, she decided to bake a cake. (therefore, namely, in contrast)

10. We had hoped to go to Spain; \_\_\_\_\_, we ended up in France. (otherwise, instead, again)

C. Write an essay on the topic “ Advantages and Disadvantages of Online Learning ” with a maximum of 150 – 200 words. Include a plan of your essay .

**1076 NADI SANGAM SCHOOL**  
**YR 8– 2021**  
**WEEKLY HOMESTUDY PACKAGE 7**  
**BASIC SCIENCE - LESSON NOTES**

Q. What happens to the weight of a solid which sinks when it is in water?  
A. *It decreased in weight because the buoyant force/upthrust force is acting upwards*

Q. What happens to the weight of solid which float in water?  
A. The weight remains the same – no force acting on it.

**Floating and Sinking**

*Note:*

- Submarines have ballast tanks to control the depth to which they can go
- When they need to sink, tanks are filled with water.
- When they need to rise to surface, water is pumped out and air is pumped in
- Fish have gas/gall bladder. Air passes in and out of the bladder from the blood
- Water plants have air spaces in them

**Remember**

- ✓ Large ships weigh thousands of tonnes but they still float because air makes them less dense.
- ✓ Objects float in water when their weight is balanced by the up thrust force in water

**Parachutes**

- Air resistance affect all moving objects
- There is more air resistance in parachute because of its large surface area.

**Stones Thrown in Water**

Any Object thrown in water will displace its own volume or weight. If something is floating in water it will displace an amount equal to its weight.

.....***END OF STRAND 3.....***.....



**1076 NADI SANGAM SCHOOL**  
**YR 8– 2021**  
**WEEKLY HOMESTUDY PACKAGE 7**  
**NA VEIKA VAKA VITI**

A. Vakadewataka vaka viti na veivosa ka ra volai koto e ra .

- a. Minister –
- b. February –
- c. Contract-
- d. Company –
- e. Irrigation –

B. **Vola I Talanoa** .

Vola e dua na I talanoa se solia nomu vaksama e na ulutaga “ Na Kena Yaga se Ca na Vuli E na Mona Livaliva .Vola me rauta e 150 – 200 na vosa . Mo vola na nomu I Tuvatuva ka ( Plan) .

**1076 NADI SANGAM SCHOOL**  
**HEALTHY LIVING 2021**  
**YEAR 8 WEEKLY HOMESTUDY PACKAGE: 7**

1. Traditionally, a man's role is associated with
  - A. Child rearing.
  - B. Housekeeping.
  - C. home managing.
  - D. being a breadwinner.
  
2. When someone goes along because he/ she is curious to try something new learnt from friends is an example of
  - A. pressure from home.
  - B. pressure from peers.
  - C. pressure from school.
  - D. pressure from church.
  
3. The body system that is involved in the intake and exchange of oxygen and carbon dioxide is the
  - A. nervous system.
  - B. digestive system.
  - C. respiratory system.
  - D. cardiovascular system.
  
4. One of the consequences of teenage pregnancy can be
  - A. higher educational level for the parents.
  - B. increase earning potentials for parents.
  - C. teenage mothers dropping out of school.
  - D. teenage parents lovingly accepted by the family
  
5. When we use our values to make decisions, we make a deliberate choice to focus on what is important to
  - A. us.
  - B. others.
  - C. the world.
  - D. our relatives.
  
6. Fresh air
  - A. makes lungs dirty.
  - B. causes eye irritation.
  - C. causes unhappiness.
  - D. strengthens your immune system.
  
7. A characteristic of interpersonal relationship is
  - A. impatience.
  - B. dishonesty.
  - C. good hygiene.
  - D. caring for others.
  
8. Avoiding words that might hurt others helps in
  - A. destroying good relationships.
  - B. maintaining bad relationships.
  - C. encouraging bad relationships.
  - D. maintaining good relationships.
  
9. To accomplish specific tasks in the group, members need
  - A. motivation.
  - B. caution.
  - C. hindrance.
  - D. opposition.

10. The main aim in conflicts resolution is
- A. remaining aggressive.
  - B. disallowing the person to talk.
  - C. staying away from positive talks.
  - D. finding solution that is agreeable.
11. Road safety education plays an important role in shaping the attitudes and behaviors of children to become \_\_\_\_\_ road users.
- A. careless
  - B. unreliable
  - C. responsible
  - D. irresponsible
12. Emergency exit paths are important because they provide a clear safe way to evacuate in case of
- A. disaster.
  - B. dispute.
  - C. argument.
  - D. hunger.
13. Damaging public or private property on purpose is an act of
- A. Arson.
  - B. vandalism.
  - C. bribery.
  - D. assault
14. One way to avoid unsafe hazardous situations is to
- A. follow your own rules.
  - B. go alone to isolated areas.
  - C. care less of the friends you keep.
  - D. pay attention to the people around you.
15. Personal hygiene products are
- A. toothpaste and soap.
  - B. air freshener and soap.
  - C. air freshener and deodorant.
  - D. air freshener and toothpaste.
16. Nutrient content on food packaging is important as consumers want
- A. expensive food.
  - B. more luxurious food.
  - C. to make the right choice.
  - D. to eat more food than before.
17. An example of a balanced meal is
- A. boiled dalo and boiled chicken.
  - B. boiled rice, tin fish and noodles.
  - C. boiled rice, chicken and noodles.
  - D. boiled dalo, roast chicken and salad.
18. A measurement of a person's weight with respect to his/ her height is known as
- A. Pressure Index.
  - B. Scanning Index.
  - C. Body Mass Index.
  - D. Blood Count Index.
19. Walking keeps you
- A. underweight.
  - B. fit and obese.
  - C. fit and healthy.
  - D. overweight and obese.

20. Composting fruit and vegetable waste reduces

- |                        |                              |
|------------------------|------------------------------|
| A. type of food eaten. | C. amount of food eaten.     |
| B. food waste at home. | D. rubbish buried at rubbish |

Define the following:

a) Puberty

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b) Fertilization:

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c) Uterus:

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d) Teenage pregnancy:

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e) Conflict:

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f) Scape goat:

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g) Power:

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h) Resiliency:

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i) Hormones:

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**1076 NADI SANGAM SCHOOL**  
**YEAR 8 HOMESTUDY PACKAGE 7**  
**SOCIAL SCIENCE, 2021**  
**HOW THE WORLD IS INTERCONNECTED**

**ACTIVITY**

- 1. Illustrate 5 ways in which the world is interconnected.**

Illustration 1	Illustration 2
Illustration 3	Illustration 4
Illustration 5	

**2. Briefly explain into 2 - 3 sentences for each illustration.**

Illustration 1

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Illustration 2

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Illustration 3

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Illustration 4

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Illustration 5

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**1076 NADI SANGAM SCHOOL**  
**YEAR 8 WEEKLY HOME STUDY PACKAGE: 7 - 2021**

हिन्दी  
**HINDI**

**A. भाषा - LANGUAGE**

अ. प्रत्येक वाक्य के लिए चार जवाब दिए गए हैं। सही जवाब चुनकर दिए गए वाक्यों को पूरा कीजिए। सही जवाब के बगल वाले अक्षर पर गोलाकार निशान लगाइए।

1. दीवाली के दिन माँ ने अनेक प्रकार की ----- तैयार कीं।

- क. मिठाई
- ख. मिठाईयों
- ग. मिठाइयाँ
- घ. मिठाईए

2. रमेश ने समय ----- सभी प्रश्नों का जवाब लिख लिया।

- क. तक
- ख. पर
- ग. में
- घ. पे

3. मीना ----- शादी नौसोरी में तय हुई है।

- क. का
- ख. की
- ग. कि
- घ. के

4. आशा है घर पर सभी ----- अच्छे होंगे।

- क. लोग
- ख. लोगो
- ग. लोगों
- घ. लोगों

5. परिश्रम का फल चीनी की तरह मीठा ----- है।

- क. होत
- ख. होती
- ग. होते
- घ. होता

आ. इन शब्दों के पर्यायवाची (Synonyms) शब्द बतलाइए ।

6. शरीर

- क. सिर
- ख. बदन
- ग. उँगली
- घ. हाथ और पैर

7. महान

- क. बहुत धनी
- ख. बहुत छोटा
- ग. बहुत बड़ा
- घ. बहुत चा

8. कल्याणकारी

- क. शुभ
- ख. क्षमा
- ग. हार
- घ. ज्ञान

इन शब्दों के विलोम (Opposite) शब्द बतलाइए ।

9. विश्वास

- क. अधर्म
- ख. अधिकार
- ग. अविश्वास
- घ. कुविश्वास

10. सफाई

- क. गन्दगी
- ख. अच्छाई
- ग. गलती
- घ. बुराई

इ. इन कहावतों / मुहावरों को दिए गए शब्दों में से सही शब्द चुनकर पूरा कीजिए । दिए गए सही जवाब के बगल वाले अक्षर पर गोलाकार निशान बनाइए ।

11. उल्टा ----- कोतवाल को डाँटे ।

- क. मोर
- ख. जोर



- ग. शेर  
घ. चोर

12. भागते भूत की ----- सही ।

- क. लंगोटी  
ख. टोपी  
ग. रूमाल  
घ. कमीज़

13. खोदा ----- निकली चुहिया ।

- क. नदी  
ख. पौधा  
ग. पहाड़ घ.  
गड्ढा

इन मुहावरों का सही अर्थ बतलाइए ।

14. फूँक फूँक कर पैर रखना ।

- क. धीरे-धीरे सफर करना  
ख. सफर में पैर फूल जाना  
ग. बहुत सावधानी से कार्य करना  
घ. चलते-चलते पैर में दर्द

15. हाथ उठाना

- क. पीटना  
ख. कुछ होना  
ग. भीख माँगना  
घ. कसरत करना

ई. दिए गए शब्दों की वर्तनी को ध्यान से पढ़िए और सुधार कर लिखिए ।

उदाहरण: हिनदी - हिन्दी

16. शनीवार -----  
17. ओरत -----  
18. बछपन -----  
19. मेहेनत -----  
20. रासता -----

## B. साहित्य - LITERATURE

अ. सही जवाब को चुनकर उसके बगल वाले अक्षर पर गोलाकार निशान बनाइए ।

(क) 'प्रेमचन्द की सुगम कहानियाँ'

1. "जुर्माना" नामक कहानी में - वह कमजोर नहीं, फूहड़ नहीं, समझदार है - किस के बारे में कहा गया है ?
  - क. दारोगा
  - ख. हुसैनी
  - ग. अल्लारक्खी
  - घ. छोटी बच्ची
2. "मोटेराम शास्त्री" नामक कहानी में मोटेराम कहाँ पर वैद्यकी किया करते थे ?
  - क. लखन में
  - ख. बनारस में
  - ग. दिल्ली में
  - घ. कानपुर में
3. "ईदगाह" नामक कहानी में अमीना किसकी दादी थी ?
  - क. अहमद की
  - ख. महमूद की
  - ग. मोहसीन की
  - घ. हामिद की
4. "पूस की रात" नामक कहानी में किसने कहा है, "मैं मरते-मरते बचा, तुझे अपने खेत की पड़ी है ।"
  - क. सहना ने
  - ख. हलकू ने
  - ग. जबरा ने
  - घ. मुन्नी ने
5. "बड़े भाई साहब" नामक कहानी में टाइम-टेबल किसने बना रखा था ?
  - क. बड़े भाई
  - ख. हेड मास्टर
  - ग. दादा जी
  - घ. छोटा भाई

आ. इन प्रश्नों के उत्तर पूरे वाक्य में लिखिए ।

1. बड़े घर की बेटी नामक कहानी में लालबिहारी ने आनंदी से क्यों क्षमा मांगी थी ?

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**C. संस्कृति - CULTURE - 'संस्कृति और मानव धर्म'**

सही जवाब को चुनकर उसके बगल वाले अक्षर में गोलाकार निशान बनाइए ।

1. कलश पर कौन सा फल रखा जाता है ?
  - क. केला
  - ख. आम
  - ग. अमरूद
  - घ. नारियल
  
2. किस रात को चांद नहीं दिखाई देता है ?
  - क. अमावस
  - ख. पंचांग
  - ग. पूर्णिमा
  - घ. एकादशी
  
3. किसी की ----- करना बुरी बात है ।
  - क. मदद
  - ख. सम्मान
  - ग. प्रणाम
  - घ. निन्दा
  
4. हमें हमेशा किस पर विश्वास रखना चाहिए ?
  - क. ईश्वर पर
  - ख. संसार पर
  - ग. मौसम पर
  - घ. मनुष्य पर